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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 101216-1 WO	FOR FURTHER ACTION	See item 4 below	
International application No. CT/SE2004/001258 International filing date (day/month/year) O1 September 2004 (01.09.2004) Priority date (day/month/year) O4 September 2003 (04.09.2003)			
International Patent Classification (8th See relevant information in Form P	edition unless older edition indicated) CT/ISA/237		
Applicant ASTRAZENECA AB			

	_				
1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).				
2.	This REPORT consists of a total	of 5 sheets, including this co	ver sheet.		
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.				
3.	3. This report contains indications relating to the following items:				
	Box No. I	Basis of the report			
	Box No. II	Priority	Priority		
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
	Box No. IV	Lack of unity of invention			
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
	Box No. VI	Certain documents cited			
	Box No. VII	Certain defects in the international application			
	Box No. VIII	Certain observations on the international application			
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).				
			Date of issuance of this report 06 March 2006 (06.03.2006)		
	The International Bure: 34, chemin des Colo 1211 Geneva 20, Sw	ombettes	Authorized officer Philippe Becamel		
Facsi	Facsimile No. +41 22 740 14 35 Telephone No. +41 22 338 70 90				

Form PCT/IB/373 (January 2004)

REC'D 10 JAN 2005 INTERNATIONAL SEARCHING AUTHORITY To: PCT WRITTEN OPINION OF THE **ASTRAZENECA** INTERNATIONAL SEARCHING AUTHORITY Global Intellectual Property 151 85 Södertälje (PCT Rule 43bis.1) Date of mailing (day/month/year) **0** 5 -01- 2005 Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below 101216-1 WO International filing date (day/month/year) International application No. Priority date (day/month/year) PCT/SE2004/001258 01.09.2004 04.09.2003 International Patent Classification (IPC) or both national classification and IPC CO7D 401/12, A61K 31/4439, CO7C 211/38, A61P 1/04 Applicant AstraZeneca AB et al 1. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the PEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further opinions, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220. Name and mailing address of the ISA/SE Authorized officer Patent- och registreringsverket Box 5055 Per Renström/BS S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88 Telephone No. +46 8 782 25 00

Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/SE2004/001258

Bo	x No. I	Basis of this opinion
1.	which it	and to the language, this opinion has been established on the basis of the international application in the language in was filed, unless otherwise indicated under this item. his opinion has been established on the basis of a translation from the original language into the following language, , which is the language of a translation furnished for the purposes of international search (under Rules 12.3
_		nd 23.1(b)).
2.	claimed i	ard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the nvention, this opinion has been established on the basis of: f material
		a sequence listing table(s) related to the sequence listing
	b. format	of material in written format
		in computer readable form
	c. time o	of filing/furnishing contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or firmished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Addition	al comments:

International application No.
PCT/SE2004/001258

Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
The question w industrially app	hether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be licable have not been examined in respect of:
the	entire international application
Clair	ms Nos. 14
	said international application, or the said claims Nos. 14 te to the following subject matter which does not require an international preliminary examination (specify):
	T Rule 67.1.(iv).: Methods for treatment of the human mal body by surgery or therapy, as well as diagnostic s.
	description, claims or drawings (indicate particular elements below) or said claims Nos. so unclear that no meaningful opinion could be formed (specify):
	The claims, or said claims Nos. are so inadequately supported
	by the description that no meaningful opinion could be formed. no international search report has been established for said claims Nos.
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
	the written form has not been furnished
	does not comply with the standard the computer readable form bas not been furnished does not comply with the standard
	the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in the Annex C-bis of the Administrative Instructions.
	See Supplemental Box for further details.

International application No.
PCT/SE2004/001258

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement			
Novelty (N)	Claims	1-13	YES
	Claims	_	NO NO
Inventive step (IS)	Claims	1-13	YES
	Claims	_	NO
Industrial applicability (IA)	Claims	1-13	YES
	Claims	_	NO NO

2. Citations and explanations:

Documents cited in the International Search Report:

D1: EP0124495 D2: W09427988

The cited documents, representing the general state of the art, do not disclose the invention defined in claims 1-13 or give any indication that would lead a person skilled in the art to it. Accordingly, the invention defined in claims 1-13 is novel and is considered to involve an inventive step. The invention is industrially applicable.

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 101216-1 WO	FOR FURTHER ACTION	See item 4 below
International application No. PCT/SE2004/001258	International filing date (day/month/year) 01 September 2004 (01.09.2004)	Priority date (day/month/year) 04 September 2003 (04.09.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant ASTRAZENECA AB		

This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis. I (a). This REPORT consists of a total of 5 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead. This report contains indications relating to the following items:		
In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.		
to the international preliminary report on patentability (Chapter I) instead.		
This report contains indications relating to the following items:		
Box No. I Basis of the report		
Box No. II Priority		
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
Box No. IV Lack of unity of invention		
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
Box No. VI Certain documents cited		
Box No. VII Certain defects in the international application		
Box No. VIII Certain observations on the international application		
4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).		
Date of issuance of this report 06 March 2006 (06.03.2006)		
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer Philippe Becamel		
Simile No. +41 22 740 14 35 Telephone No. +41 22 338 70 90		
simile No. +41 22 740 14 35 Telephone No. +41 22 338 70 90		

Form PCT/IB/373 (January 2004)

REC'D 10 JAN 2005 INTERNATIONAL SEARCHING AUTHORITY To: PCT WRITTEN OPINION OF THE **ASTRAZENECA** INTERNATIONAL SEARCHING AUTHORITY Global Intellectual Property 151 85 (PCT Rule 43bis.1) Södertälje Date of mailing (day/month/year) **n** 5 -01- 2005 Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below 101216-1 WO International filing date (day/month/year) International application No. Priority date (day/month/year) PCT/SE2004/001258 01.09.2004 04.09.2003 International Patent Classification (IPC) or both national classification and IPC CO7D 401/12, A61K 31/4439, CO7C 211/38, A61P 1/04 Applicant AstraZeneca AB et al 1. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No: VII Certain defects in the international application Box No. VIII Certain observations on the international application 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further opinions, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220. Name and mailing address of the ISA/SE Authorized officer Patent- och registreringsverket Box 5055 Per Renström/BS S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88 Telephone No. +46 8 782 25 00

Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/SE2004/001258

Во	No. I Basis of this opinion
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language, , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of: a. type of material a sequence listing table(s) related to the sequence listing
	b. format of material in written format in computer readable form
	c. time of filing/furnishing contained in the international application as filed. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:

International application No.
PCT/SE2004/001258

Вох №. П	II Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
	on whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be y applicable have not been examined in respect of:
	the entire international application
\boxtimes	claims Nos. 14
because	the said international application, or the said claims Nos. 14 relate to the following subject matter which does not require an international preliminary examination (specify):
or a	PCT Rule 67.1.(iv).: Methods for treatment of the human animal body by surgery or therapy, as well as diagnostic mods.
	the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):
	The claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
	no international search report has been established for said claims Nos.
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
1	the written form has not been furnished
	does not comply with the standard the computer readable form has not been furnished does not comply with the standard
	the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in the Annex C-bis of the Administrative Instructions.
	See Supplemental Box for further details.

International application No. PCT/SE2004/001258

Box No. V Reasoned statement under Rule 43 applicability; citations and explana		3bis.1(a)(i) with regard to novelty, inventi- ations supporting such statement	ve step or industrial	
1. Statement				
Novelty (N)	Claims	1-13	YES	
		Claims		NO
Inventive step (IS)	Claims	1-13	YES	
		Claims		NO
Industri	ial applicability (IA)	Claims	1-13	YES
		Claims	-	NO

2. Citations and explanations:

Documents cited in the International Search Report:

D1: EP0124495 D2: W09427988

The cited documents, representing the general state of the art, do not disclose the invention defined in claims 1-13 or give any indication that would lead a person skilled in the art to it. Accordingly, the invention defined in claims 1-13 is novel and is considered to involve an inventive step. The invention is industrially applicable.